

WHAT IS CLAIMED IS:

1. A detachable power supply apparatus for an  
5 appliance comprising:

a temperature control device for electrical connection  
to the appliance, said temperature control device having a  
body with a first side and a second side being  
10 substantially opposite said first side, said temperature  
control device having a first member extending outwardly  
from said first side, said temperature control device  
having a conductor on said first side and a probe on said  
second side; and

15

a power supply cord having a female electrical  
connector at a first end of a power supply, said female  
connector connecting to said conductor and being  
connectable to the power supply to supply power to said  
20 female connector and to said conductor, said power supply  
cord having a clip member on said first end of the power  
supply, wherein said clip member selectively fastens to  
said first member so that said first member disengages said  
clip member without disturbing a position of the appliance  
25 upon application of a force on said power supply cord.

2. The detachable power supply apparatus of claim 1,  
wherein said first member has a stem connected to a  
spherical portion.

30

3. The detachable power supply apparatus of claim 1, wherein said clip member is a friction clip that is substantially "U" shaped.

5 4. The detachable power supply apparatus of claim 1, wherein said first member is substantially fungiform shaped.

10 5. The detachable power supply apparatus of claim 4, wherein said first member is between a plurality of conductors on said first side.

15 6. The detachable power supply apparatus of claim 4, wherein said clip member is between said female electrical connector and a second female electrical connector on said power supply cord in a recess in said power supply cord.

20 7. The detachable power supply apparatus of claim 4, wherein said clip member has a shape selected from the group consisting of "V" shaped, "Y" shaped, "O" shaped, and any combinations thereof.

25 8. The detachable power supply apparatus of claim 4, wherein said first member and said clip member disengage relative to one another upon application of a predetermined force.

30 9. The detachable power supply apparatus of claim 1, wherein said probe selectively connects to a port of the appliance, said temperature control device having a thermostat electrically connected to said probe, said

temperature control device controlling an operating temperature of the appliance.

10. The detachable power supply apparatus of claim 9,  
5 wherein said temperature control device has a control dial, said control dial controlling said operating temperature of the appliance.

11. A detachable power supply apparatus for an  
10 appliance comprising:

a temperature control device having a body with a first side and a second side substantially opposite said first side, said temperature control device being  
15 electrically connected to the appliance, said temperature control device having a probe and a conductor, said probe extending outwardly from said first side, said conductor being on said second side; and

20 a power supply cord having a first cord side and a second cord side being substantially opposite said second cord side, said power supply cord having a second conductor at said second cord side to connect to a power supply, said power supply cord having a female connector at said first  
25 cord side for connecting to said first conductor, wherein said second side removably connects to said first cord side.

12. The detachable power supply apparatus of claim  
30 11, wherein said second side removably connects to said first cord side by a plug.

13. The detachable power supply apparatus of claim 11, wherein said second side has a male member and said first cord side has a female clip member, said male member being removably engageable in said female clip member.

5

14. The detachable power supply apparatus of claim 13, wherein said male member is a plug, said plug having a first stem portion and a second bulbous member, said second bulbous member being connected to said first stem portion.

10

15. The detachable power supply apparatus of claim 13, wherein said female clip member is a substantially "U" shaped friction clip.

15

16. The detachable power supply apparatus of claim 14, wherein said female clip member is a friction clip, said friction clip having a size complementary to a size of said second bulbous member.

20

17. The detachable power supply apparatus of claim 11, wherein said conductor is engageable with said female connector so that said temperature control device receives power from the power supply.

25

18. A detachable power supply apparatus for an appliance comprising:

a first electrical component having a body, said first electrical component being electrically connected to the appliance by a first conductive member on a first side; and

30

a second component having a body with a second side, wherein said first electrical component has a member at said first side, and wherein said second component has a friction clip at said second side, said second side being  
5 complementary to said first side so that said friction clip releasably engages said member and releases said member upon an application of a force upon either said first component and said second component so that a location of the appliance is not disturbed.

10

19. The detachable power supply of claim 18, wherein power traverses from said power source to said first electrical component when said friction clip releaseably engages said member, and wherein power does not traverse  
15 from said power source to said first electrical component when said friction clip releaseably disengages said member.

20. The detachable power supply of claim 18, wherein said friction clip has a base portion connected to a first  
20 arm and connected to a second arm, said first arm having a first curved portion, said second arm having a second curved portion, said member having a stem and a bulbous portion connected to said stem, said first curved portion and said second curved portion releaseably engaging said  
25 bulbous portion.

21. A power supply apparatus for an electrical appliance comprising:

30 a housing with a first side and a second side, said first side connected to a power supply, wherein said housing has a friction clip at said second side, wherein

said friction clip releasably engages the electrical  
appliance, and wherein said friction clip selectively  
releases the electrical appliance upon an application of a  
force so that a location of the electrical appliance is not  
5 disturbed.

22. The power supply apparatus of claim 21, wherein  
said friction clip is substantially "U" shaped and  
releasably engages a bulbous member on the electrical  
10 appliance.

23. The power supply apparatus of claim 21, wherein  
said friction clip has a shape selected from the group  
consisting of "V" shaped, "Y" shaped, "O" shaped, and any  
15 combinations thereof.

24. The power supply apparatus of claim 22, wherein  
said friction clip has a base portion connected to a first  
arm and connected to a second arm, said first arm having a  
20 first curved portion, said second arm having a second  
curved portion, said first curved portion and said second  
curved portion releasably engaging the electrical  
appliance.

25